

531 Rec'd PCT/PT 027 JUN 2002

FORM PTO-1390

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY DOCKET NUMBER
NIH-0376

#3

TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371

U.S. APPLICATION NO. (if known see 37 C.F.R. 1.5)
10/030,544

INTERNATIONAL APPLICATION NO.
PCT/US00/17066

INTERNATIONAL FILING DATE
15 June 2000 (15.06.00)

PRIORITY DATE CLAIMED
09 July 1999 (09.07.99)

TITLE OF INVENTION: ATTENUATED HUMAN-BOVINE CHIMERIC PARAINFLUENZA VIRUS (PIV) VACCINES

APPLICANT(S) FOR DO/EO/US: SCHMIDT, Alexander C.; SKIADOPOULOS, Mario H.; COLLINS, Peter L.; MURPHY, Brian R.;
BAILLEY, Jane E.; DURBIN, Anna P.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☐ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☒ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☐ This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4. ☐ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☐ A copy of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☐ has been transmitted by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US)
6. ☐ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☐ have been transmitted by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☐ have not been made and will not be made.
8. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) 35 U.S.C. 371(c)(4). (executed Declaration & Power of Attorney-5 sheets)
10. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11. to 16. below concern other document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☐ A FIRST preliminary amendment.
☐ A SECOND or SUBSEQUENT preliminary amendment.
14. ☐ A substitute specification.
15. ☐ A change of power of attorney and/or address letter.
16. ☒ Other items or information: - copy Notification of Missing Requirements mailed 3/27/2002 (2 sheets)
- Petition for Extension of Time - one month (in duplicate) and authorization to charge deposit account for extension fee (\$110) (4 sheets)
- Transmittal Letter Submitting Sequence Listing (1 sheet)
- Sequence Listing in written form (20 sheets) and computer readable format (1 diskette)
- Statement to Support Filing and Submission (2 sheets)
- Associate Power of Attorney (2 sheets)
- authorization to charge deposit account for \$130 surcharge
- return post card

EL695383043US

EXPRESS MAIL Mailing Label No. EL695383043US
Date of Deposit: JUNE 27, 2002

U.S. APPLICATION NO. (if known 37 C.F.R. 1.5)
10/030,544

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17. The following fees are submitted:

Basic National Fee (37 CFR 1.492(a)(1) - (5)):

Neither international preliminary examination fee (37 CFR 1.482)
nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO
and International Search Report not prepared by the EPO or JPO.....\$1,040.00

International preliminary examination fee (37 CFR 1.482 not paid to USPTO
but International Search Report has been prepared by the EPO or JPO.....\$890.00

International preliminary examination fee (37 CFR 1.482) not paid to USPTO but
international search fee (37 CFR 1.445(a)(2)) paid to USPTO.....\$740.00

International preliminary examination fee paid to USPTO (37 CFR 1.482) but
all claims did not satisfy provisions of PCT Article 33(1)-(4).....\$710.00

International preliminary examination fee paid to USPTO (37 CFR 1.482) and
all claims satisfied provisions of PCT Article 33(1)-(4).....\$100.00

ENTER APPROPRIATE BASIC FEE AMOUNT =

Surcharge of \$130.00 for furnishing the oath or declaration later than 20 30 months from
the earliest claimed priority date (37 CFR 1.492(e)).

Claims	Number Filed	Number Extra	Rate		
Total claims	- 20 =		X \$18.00	\$	
Independent Claims	- 3 =		x \$84.00	\$	
Multiple dependent claims(s) (if applicable)			+ \$280.00	\$	

TOTAL OF ABOVE CALCULATIONS =

 Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are
reduced by 1/2.

SUBTOTAL =

Processing fee of \$130.00 for furnishing the English translation later than 20 30 months
from the earliest claimed priority date (37 CFR 1.492(f)).

TOTAL NATIONAL FEE =

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be
accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property

TOTAL FEES ENCLOSED = \$130.00

07/03/2002 LLANDGRA 00000051 233050 10030544
FC:154 130.00 CH

Amount to be: refunded	\$
charged	\$

- a. A check in the amount of \$ to cover the above fee is enclosed.
- b. X Please charge my Deposit Account No. 23-3050 in the amount of \$130.00 to cover the above fees. A duplicate copy of this sheet is enclosed.
- c. X The Commissioner if hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 23-3050. A duplicate copy of this sheet is enclosed.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

Jeffrey J. King, Esq.
Woodcock Washburn LLP
One Liberty Place - 46th Floor
Philadelphia, PA 19103
(215) 568-3100

SIGNATURE

Jeffrey J. King, Esq.
NAME

38,515
REGISTRATION NUMBER



UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents, Box 901
 United States Patent and Trademark Office
 Washington, D.C. 20231
 www.uspto.gov

U.S. APPLICATION NUMBER NO. 10/030,544	FIRST NAMED APPLICANT Alexander C. Schmidt	ATTY. DOCKET NO. NIH-0376
INTERNATIONAL APPLICATION NO. PCT/US00/17066		
I.A. FILING DATE 06/15/2000	PRIORITY DATE 07/09/1999	

Jeffrey J King
 Woodcock Washburn
 One Liberty Place
 46th Floor
 Philadelphia, PA 19103

RECEIVED

APR 01 2002

Woodcock Washburn Kurtz
 Philadelphia, PA 19103

CONFIRMATION NO. 4131

371 FORMALITIES LETTER



OC000000007715986

Date Mailed: 03/27/2002

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as an Elected Office (37 CFR 1.495):

- U.S. Basic National Fees
- Priority Document
- Biochemical Sequence Listing
- Copy of IPE Report
- Copy of references cited in ISR
- Copy of the International Application
- Copy of the International Search Report
- Request for Immediate Examination

RECEIVED

APR 08 2002

SEALED
 WVKMN

RECEIVED

APR 01 2002

DOCKET DEPT.
 WVKMN

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- \$130 Surcharge for providing the oath or declaration later than the appropriate 30 months from the priority date (37 CFR 1.492(e)) is required.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTH FROM THE DATE OF THIS NOTICE OR BY 22 or 32 MONTHS (where 37 CFR 1.495 applies) FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

The following items **MUST** be furnished within the period set forth below:

- The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 CFR 1.821-1.825 for the following reason(s):
 - A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 CFR 1.821(e).
 - APPLICANT MUST PROVIDE:
 - An initial or substitute computer readable form (CRF) of the "Sequence Listing."
 - A statement that the contents of the paper or compact disc and the computer readable form are the same and, where applicable, include no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b) or 1.825(d).
- For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:
 - For Rules Interpretation, call (703) 308-4216
 - To Purchase PatentIn Software, call (703) 306-2600
 - For PatentIn Software Program Help, call (703) 306-4119 or e-mail at patin21help@uspto.gov or patin3help@uspto.gov

SUMMARY OF FEES DUE:

Total additional fees required for this application is **\$130** for a Large Entity:

- **\$130** Late oath or declaration Surcharge.
- A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 CFR 1.821(e).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

VONDA M WALLACE

Telephone: (703) 305-3736

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/030,544	PCT/US00/17066	NIH-0376